Index of Claims

| Application/Control No | ٥. |
|------------------------|----|

09/974,935

Examiner

Kevin Y. Kim

Applicant(s)/Patent under Reexamination

LEVIN ET AL.

Art Unit

2638

| <b>√</b> | Rejected |
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| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| _ | Pastricted                     |

| Z | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |  |
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|   |          | 1         |          |          |          | \        |              |          |          |   | l i  | 01-   |          |          |            |          |           |          |   |   |          | _   |              |            |            |                 |            |          |          |          |                 |          |                |
|---|----------|-----------|----------|----------|----------|----------|--------------|----------|----------|---|------|-------|----------|----------|------------|----------|-----------|----------|---|---|----------|-----|--------------|------------|------------|-----------------|------------|----------|----------|----------|-----------------|----------|----------------|
| LOIS  | aim_     | (A        | Т        | - 1      | ᆜ        | ate      | <del>,</del> | _        |          |   | ٥,   | Cla   | 1111)    | Η.       | ı          | -        | ᆛ         | ate      |   |   | ī        | 4   | C            | aim        | $\vdash$   | , ,             |            |          | Date     | 3        |                 | _        |                |
| Final   | Original | 103       | ;<br>;   |          |          |          |              |          |          |   |      | Final | Original |          |            |          |           |          |   |   |          |     | Final        | Originat   |            |                 |            |          |          |          |                 |          |                |
|   | 1        | Ł         | $\vdash$ | $\dashv$ |          | $\dashv$ |              | ┢        | Н        |   |      |       | 51       | $\vdash$ | $\vdash$   |          | $\dashv$  | $\dashv$ | $\dashv$  |   | +        | ┨   |              | 101        | $\vdash$   | Н               | $\dashv$   | -        |          |          | $\vdash\vdash$  |          | Н              |
| <u> </u>  | 2 *      |           |          |          | $\dashv$ | $\dashv$ | , -          |          | $\vdash$ | - | ٠.   |       | 52       | -        |            | -        | $\dashv$  | $\dashv$ | +   | +   |          | 4   | -            | 101        | _          | $\vdash$        | $\dashv$   |          |          |          | $\vdash \vdash$ | $\vdash$ | $\vdash$       |
| $\vdash$  | 3        | 0         | $\vdash$ | $\dashv$ | $\dashv$ | $\neg$   |              | -        | Н        |   |      |       | 53       | $\vdash$ | $\dashv$   | $\dashv$ | $\dashv$  | $\dashv$ | +   | $\dashv$  |          | - 1 | $\vdash$     | 103        | -          | H               |            | -        |          |          | H               | $\vdash$ | Н              |
|   | 4        | ň         | $\vdash$ | $\neg$   | $\dashv$ | $\dashv$ | -            | H        | Н        |   |      |       | 54       | -        | $\dashv$   | $\dashv$ | $\dashv$  | $\dashv$ | +   | $\dashv$  |          | ┨   |              | 103        |            | Н               |            |          |          |          | $\dashv$        | $\vdash$ | Н              |
|   | 5        | H         |          | 一        | 1        |          |              |          | Н        |   |      |       | 55       |          | $\dashv$   | 7        | +         | $\dashv$ | $\dashv$  | $\dashv$  | +        | Ⅎ∶  | -            | 105        |            |                 | $\dashv$   |          |          |          | $\Box$          | $\vdash$ | Н              |
|   | 6        | 11        | П        | 一        | 寸        |          |              | $\vdash$ | H        |   |      |       | 56       | Н        | $\dashv$   | 7        | $\dashv$  | 十        | +   | _   | $\dashv$ | ۲.  |              | 106        | _          | $\vdash$        |            |          |          |          | $\Box$          |          | H              |
|   | 7        | H         | Н        | 一        |          |          |              |          | Н        |   |      |       | 57       |          | i          |          | 1         | 十        | +   | +   | 十        | - 1 | -            | 107        |            |                 | _          | -        |          |          | $\dashv$        | $\neg$   | Н              |
|   | 8        | $\dagger$ | П        |          |          |          |              |          | П        |   |      |       | 58       |          | $\neg$     | 寸        | . 1       |          | T   |   | 7        | 1   |              | 108        |            |                 | $\neg$     |          |          |          | $\dashv$        | $\neg$   |                |
|   | 9        | П         | П        |          | Ť        |          |              |          |          |   | 4    |       | 59       |          |            | 寸        |           | $\dashv$ | T   | T   |          |     |              | 109        |            | П               |            |          |          |          | 一               |          | П              |
|   | 10       | Ь         | П        |          | i        | ī        |              |          | П        |   | 1    |       | 60       |          |            | $\neg$   |           | 寸        | T   | T   | $\neg$   | 1   |              | 110        |            |                 |            |          |          |          | $\Box$          |          |                |
|   | 11       | 5         |          |          |          |          |              |          |          |   |      |       | 61       |          |            |          |           |          | T   | T   |          | ٦.  |              | 111        |            | П               |            |          |          |          | П               |          | П              |
|   | 12       | $\coprod$ | $\Box$   |          |          |          |              |          |          |   | - 1  |       | 62       |          |            |          |           | $\Box$   | $\Box$  | I   |          | ] [ |              | 112        |            |                 |            |          |          |          |                 |          |                |
| ــــــــــــــــــــــــــــــــــــــ  | 13       | $\coprod$ | Ш        |          |          |          |              |          |          |   | 4. 5 |       | 63       |          |            |          |           |          | floor   |   |          |     |              | 113        |            | $\square$       |            |          |          |          |                 |          |                |
| <u> </u>  | 14       | 1         | Ш        | $\Box$   | [        | $\Box$   |              | Щ        | Ш        |   | - 20 |       | 64       |          |            | $\Box$   | $\Box$    | $\bot$   | $oldsymbol{\perp}$  | $oldsymbol{\mathbb{I}}$   |          | 1   |              | 114        |            | $\Box$          |            |          |          |          | $\Box$          |          |                |
|   | 15       | 0         | Ш        | _        |          | _        |              |          |          |   |      |       | 65       | Ш        |            | $\perp$  |           |          | $\perp$   | $\perp$   | $\perp$  |     |              | 115        |            |                 |            |          |          |          | Ш               |          |                |
| <u> </u>  | 16       | 0         | Ш        |          | _        | _        |              | Ш        | Щ        |   |      |       | 66       |          |            | _        |           | _        | _   | $\perp$   | $\perp$  |     |              | 116        |            | Щ               |            |          | $\Box$   |          | Ш               |          | Щ              |
|   | 17       | =         | 1        |          | 4        |          |              |          | Щ        |   | , ii |       | 67       | Щ        |            | 4        |           | $\perp$  | _   | $\perp$   |          |     | Ĺ            | 117        |            | Ш               | $\Box$     |          |          |          | Ш               |          |                |
|   | 18       | 2         | Ш        | _        | _        | _        |              |          |          | _ |      |       | 68       | Щ        |            | 4        |           | 4        | _   | $\perp$   |          | J   |              | 118        |            | Ш               |            |          |          | _        | Ш               |          |                |
|   | 19       | $\sim$    | Ш        | _        | _        | _        |              |          | Ш        |   | - "  |       | 69       | Ш        | $\Box$     | _        | _         | 4        | _   | _   |          |     |              | 119        |            | Ш               | _          | _        |          |          | Ш               |          |                |
|   | 20       | <u> </u>  | Ш        | _        | _        | _        |              | Ш        | Ш        |   |      |       | 70       | Ш        | $\Box$     | _        |           | _        |   | _   |          | 1   |              | 120        |            | Щ               | _          |          |          | _        |                 |          | Ш              |
| <u> </u>  | 21       | 1         | Ш        |          | _        |          |              | _        |          |   | 4. D |       | 71       | Ш        | $\Box$     | _        | _         | _        | 4   | 4   |          | ┨.  |              | 121        |            |                 |            | _        |          |          | Щ               |          |                |
| <u> </u>  | 22       | 0         | $\sqcup$ |          |          | _        |              |          | $\sqcup$ | _ | 4    |       | 72       | Ш        | _          | 4        | _         | 4        | 4   | 4   | _        | _   | <u></u>      | 122        |            | Щ               |            |          |          |          | $\dashv$        |          | Ш              |
|   | 23       | 4         | $\sqcup$ |          |          | $\dashv$ | $\Box$       | _        |          |   |      |       | 73       |          | _          | 4        | 4         | _        | 4   | $\dashv$  | -        | _   |              | 123        |            | Ш               | _          | _        | _        | _        | $\dashv$        | _        | Ш              |
|   | 24<br>25 | ₩         | Н        | $\dashv$ | _        | $\dashv$ |              | Щ        |          | _ | 1    |       | 74       | Ш        | $\dashv$   | 4        | 4         | -        | 4   | 4   |          | _   | <u></u>      | 124        | Щ          | $\sqcup$        | _          | _        | _        | $\dashv$ | $\dashv$        | _        |                |
|   | 26       | ₩         | Н        | $\dashv$ | $\dashv$ |          | -            | Н        |          |   |      |       | 75<br>76 |          | -          | $\dashv$ | $\dashv$  | $\dashv$ | +   | +   | _        | 4   | <u> </u>     | 125        |            | $\vdash \vdash$ |            | _        | -        | -        | -               | $\dashv$ | ш              |
|   | 27       | #-        | ⊦⊢       | $\dashv$ | $\dashv$ | $\dashv$ | -            | Н        |          |   | 2    |       | 77       |          | $\dashv$   | $\dashv$ | $\dashv$  | $\dashv$ | +   | +   | -        | 4   | <u> </u>     | 126<br>127 |            | $\vdash$        | $\dashv$   | $\dashv$ | -        | -        | $\dashv$        | -1       | Н              |
|   | 28       | ╫         | $\vdash$ | $\dashv$ | $\dashv$ | ┈┤       | -            | Н        |          | _ | 7    |       | 78       |          |            | $\dashv$ | $\dashv$  | +        | +   | ┽   | +        | -   | $\vdash$     | 128        | _          | $\vdash$        |            | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$        |          | $\vdash\vdash$ |
| -   | 29       | 1         | ۲        | $\dashv$ | -        | $\dashv$ |              | Н        | Н        |   |      |       | 79       |          | -          | $\dashv$ | $\dashv$  | -+       | +   | +   | +        |     |              | 129        |            | $\vdash$        | $\dashv$   |          |          | $\dashv$ | $\dashv$        | $\dashv$ | $\vdash\vdash$ |
| _   | 30       |           |          | -        | $\dashv$ | $\dashv$ |              |          | $\dashv$ |   |      |       | 80       | Н        | $\dashv$   | $\dashv$ | $\dashv$  | +        | +   | +   | -        | -   |              | 130        |            | H               | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$ |                |
|   | 31       | -         | 1        | $\dashv$ | $\dashv$ | $\dashv$ |              |          | $\vdash$ |   |      |       | 81       | Н        | -          | $\dashv$ | $\dashv$  | +        | +   | +   | -+-      | -   | -            | 131        |            | $\vdash$        | $\dashv$   | -        | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$ | Н              |
| -   | 32       | =         |          | -        | +        | 1        | -            |          | $\dashv$ |   |      |       | 82       | Н        | -          | $\dashv$ | -         | +        | +   | $\dashv$  | +        | -   | -            | 132        |            | $\vdash$        | $\dashv$   | $\dashv$ |          | $\dashv$ | $\dashv$        | $\dashv$ | $\vdash$       |
|   | 33       | 2         |          | ┪        | $\dashv$ | $\neg$   | $\dashv$     |          | $\vdash$ | - |      |       | 83       | Н        | $\dashv$   | $\dashv$ | $\dashv$  | $\dashv$ | +   | +   | +-       | ┥   |              | 133        | _          | $\vdash$        | $\dashv$   | -        |          | $\dashv$ | $\dashv$        | $\dashv$ |                |
|   | 34       | Ć         | 1        | $\dashv$ | +        | $\dashv$ |              |          | $\vdash$ |   | ·    |       | 84       | $\vdash$ | +          | $\dashv$ | $\dashv$  | $\dashv$ | +   | +   | +        | 1   |              | 134        | H          | $\vdash \vdash$ | $\dashv$   | ᅱ        | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$ | Н              |
|   | 35       | U         | П        | $\neg$   | $\dashv$ | $\dashv$ |              |          | $\dashv$ |   |      |       | 85       | H        | $\neg$     | 十        | 十         | 十        | 十   | 十   | +        | 1   |              | 135        |            | $\vdash$        | $\dashv$   |          | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$ | $\sqcap$       |
|   | 36       | v         |          | 1        | $\dashv$ | $\neg$   |              |          | $\dashv$ |   | - 1  |       | 86       | Н        |            | -        | 十         | _        | +   | 1   | $\top$   | 1   |              | 136        |            | $\vdash$        | $\dashv$   | 寸        | _        |          | $\exists$       | $\dashv$ | $\sqcap$       |
|   |          | =         | П        | T        |          |          |              |          | $\Box$   |   |      |       | 87       | $\vdash$ | $\neg$     | _        | _         | $\dashv$ | 十   | 十   | $\top$   | 1   |              | 137        |            | $\sqcap$        | 寸          | 一        | $\neg$   | _        | $\dashv$        | $\dashv$ | $\sqcap$       |
|   | 38       | V         | П        | 寸        | 7        | $\neg$   | $\neg$       |          | $\Box$   |   |      |       | 88       |          |            | _        | 7         | $\dashv$ | 十   | 十   | $\top$   | 1   |              | 138        |            | $\Box$          |            | $\neg$   | 一        |          | $\dashv$        | $\neg$   | $\Box$         |
|   | 39       | 0         |          |          | 丁        |          |              |          |          |   |      |       | 89       |          |            | $\dashv$ | $\exists$ |          | 十   | 丁   | $\dashv$ | 1   |              | 139        |            |                 |            | $\neg$   | 一        | $\neg$   | $\neg$          | $\neg$   | $\Box$         |
|   | 40       | 0         |          |          | 丁        |          |              |          |          |   |      |       | 90       |          |            |          |           |          | ⇉   | ┰   |          | 1   |              | 140        |            |                 |            |          |          |          | $\Box$          | $\neg$   | $\sqcap$       |
|   | 41       | =         |          |          | I        |          |              |          |          |   |      |       | 91       |          |            | J        | J         |          | I   |   | I        |     |              | 141        |            |                 |            | $\neg$   |          | _        |                 | $\neg$   |                |
|   | 42       | abla      |          |          |          |          |              |          |          |   |      |       | 92       |          |            | $\Box$   |           |          | $oldsymbol{ol}}}}}}}}}}}}}} $ | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\perp$  | ]   |              | 142        |            |                 |            |          | 二        |          |                 |          |                |
|   |          | Ū         | Ш        |          | $\perp$  |          | $\Box$       |          |          |   |      |       | 93       |          |            |          | $\Box$    | J        | $\perp$   | $\perp$   |          | ]   |              | 143        |            |                 |            | $\Box$   | $\Box$   |          |                 |          |                |
|   |          | Ø         | Ш        | [        | $\perp$  | _[       |              | Ш        |          |   |      |       | 94       |          | $\Box$     | $\perp$  | $\Box$    |          |   | $\perp$   |          | ]   |              | 144        |            |                 | $\Box$     | $\Box$   | $\Box$   | $\Box$   | $\Box$          |          |                |
|   | 45       | =         | L        | _[       | [        | [        |              |          |          |   |      |       | 95       |          |            | $\Box$   | $\prod$   | $\Box$   | $\perp$   | $oldsymbol{ol}}}}}}}}}}}}}} $ |          | _   |              | 145        |            |                 | $\Box$     | $\Box$   |          |          | J               |          |                |
| ota   |          | V         | H        | 4        | $\perp$  | _        | $\perp$      |          | Ш        |   |      |       | 96       |          | $_{\perp}$ | $\bot$   | [         |          | $\perp$   |   |          | 1   | لـــــــا    | 146        |            | $\Box$          | _]         |          | $\Box$   |          | $\Box$          |          |                |
| otacluster  | 47-      |           | -        | _        | $\bot$   | _        |              | $\Box$   | Ш        |   | Ĺ    |       | 97       |          | [          | $\dashv$ | $\perp$   | _        | $\perp$   |   |          | 1   | $oxed{oxed}$ | 147        |            | Ц               | $_{\perp}$ |          |          |          |                 |          |                |
| $\vdash$  | 48       | <b>Y</b>  | Ш        | _        | 4        | _        | ļ            |          | $\Box$   |   |      |       | 98       | Ш        | _          | $\perp$  | $\perp$   | _        | $\perp$   | $\perp$   | $\perp$  | 1   | Щ            | 148        |            | Ц               | [          | _[       | $\perp$  | [        | [               | [        |                |
| $\vdash \!$ |          | Š         | $\sqcup$ | 4        | _        | 4        | _            | _        | _        | _ | Ļ    |       | 99       | Щ        |            | _        | 4         | 4        | $\bot$  | 4   |          | 4   | $oxed{oxed}$ | 149        |            | $\sqcup$        | $\Box$     |          |          |          | $\dashv$        |          |                |
| ᆫᆜ  | 50       | 0         | Ш        | 1        |          |          |              |          |          |   | Į    |       | 100      |          | _1         | L        | $\bot$    | _L       |   | Щ.  | _L_      | J   | لــــا       | 150        | $_{\perp}$ | Ц               |            | $\Box$   | _ ;      | l        | ᆚ               |          |                |